Philips
Flat TV with Pixel Plus 2 HD

52"
LCD Full HD 1080p

52PFL7762D

Turn up your viewing experience

with Pixel Plus 2 HD

With this TV you can now enjoy the benefits of digital TV. At the same time, you can watch superb pictures using Pixel Plus 2 HD for clarity and details along with Digital Natural Motion for ultimate viewing experience

Breathtaking natural pictures
- Full HD LCD display, with a 1920x1080p resolution
- Pixel Plus 2 HD for great details, depth and clarity
- Digital Natural Motion for smooth moving images
- 28.9 billion colors and up to 7500:1 contrast ratio

Exciting and lifelike sound
- Incredible Surround™ for enhanced audio enjoyment
- BBE for superior sound clarity

Designed for your convenience
- 3 HDMI inputs for full digital HD connection in one cable

Ready for the future
- Integrated Digital Tuner for DVB-T reception
- HD ready for the highest quality display of HDTV signals

PHILIPS
sense and simplicity

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52PFL7762D/12

Specifications

Picture/Display
- Aspect ratio: Widescreen, 16:9
- Brightness: 500 cd/m²
- Dynamic screen contrast: 12000:1
- Response time (typical): 6 ms
- Viewing angle (H / V): 176 / 176 degree
- Diagonal screen size: 52 inch / 132 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus 2 HD, Digital Natural Motion, Luminance Transient Improver, Color Transient Improvement, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Enhancement, Digital Noise Reduction
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85Hz
800 x 600	60, 72, 75, 85Hz
1024 x 768	60, 70, 75, 85Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24Hz, 25Hz, 30 Hz
1080p	50Hz, 60Hz

Sound
- Equalizer: 7-bands
- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Dynamic Bass Enhancement
- Sound System: Stereo, BBE

Loudspeakers
- Built-in speakers: 2

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake up Clock
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Easy toggle Dig/Analog modes, Program List, Side Control, Smart Picture Control, Smart Sound Control
- Electronic Program Guide: 8 day Electronic Program Guide
- Remote Control: TV
- Remote control type: RC2034312/01
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Picture in Picture: Text dual screen
- Teletext: 1200 page Hypertext
- Teletext enhancements: 4 favourite pages, Program information Line

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 100
- Tuner Display: PLL

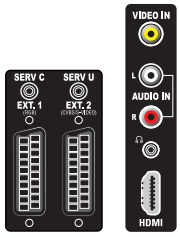
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Ext 3: HDMI v1.3, CVBS in, Audio L/R in
- Ext 4: YPbPr, S-video in, Audio L/R in
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- Number of Scarts: 2
- Other connections: Headphone out, Common Interface

Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption: 185 W
- Standby power consumption: < 1 W

Accessories
- Included Accessories: Table top stand, Power cord, Quick start guide, User Manual, Registration card, Warranty certificate, Remote Control, Batteries for remote control

Dimensions
- Color cabinet: Full Black cabinet with High Gloss deco front
- Set dimensions (W x H x D): 1289 x 835 x 124 mm
- Set dimensions with stand (W x H x D): 1289 x 901 x 325 mm
- Product weight: 39 kg
- Product weight (+stand): 49 kg
- Box dimensions (W x H x D): 1385 x 927 x 277 mm
- Weight incl. Packaging: 54 kg
- VESA wall mount compatible: 600 x 400 mm

Stereo system					Transmission system					
2CS DK	NICAM DK	2CS BG	NICAM I	NICAM LL'	PAL BG	PAL D/K	PAL I	SECAM BG	SECAM DK	SECAM LL'
•	•	•	•	•	•	•	•	•	•	•



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Product highlights

Full HD LCD display 1920x1080p
The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

Integrated Digital DVB-T tuner
The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and also the additional cables.

HD Ready
Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus 2 HD
Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Digital Natural Motion
Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

Incredible Surround™
Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

BBE
BBE high definition sound is the core sound enhancement technology (licensed by BBE Sound) that will enable you to experience real natural music, speech intelligibility with rich and clear audible vocals.

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